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TITLE: DRY MEASURING AND TESTING IMPLEMENT
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INVENTOR-INFORMATION:

NAME
HIGUCHI, YOSHIHIKO
YAMAMOTO, KENJI

ASSIGNEE-INFORMATION:

NAME	COUNTRY
KDK CORP	N/A

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ABSTRACT:

PROBLEM TO BE SOLVED: To obtain a dry measuring and testing implement which enables both of quick permeation of a liquid sample into a reagent layer and prevention of entering of red corpuscles into the reagent layer to be compatible with each other by providing the reagent layer wherein a reagent containing a chromogen so as to be colored by reacting with a substance to be measured is contained and polymer beads which contain light-reflecting particles at the inside are contained.

SOLUTION: A reagent which is contained in a reagent layer contains a

chromogen which is colored by reacting with a substance to be measured, and glucose oxidase is used according to the kind of the substance, to be measured, in the case of, e.g. glucose. As the chromogen, a chromogen, to be oxidized, such as, e.g. O-anisidine or the like is used. The reagent layer contains polymer beads which contain light- reflecting particles at the inside, and particles which can give a sufficient reflectance even regarding a small coloring amount and which comprises a light-reflecting property such as titanium dioxide or the like are used as the light-reflecting particles. Polymer beads which are composed mainly of a high molecular compound which can take a vinyl form easily such as the polymer of a hydrophobic vinyl polymer selected from acrylic acid, a copolymer, polyurethane or the like are used as the polymer beads.

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